

INFORMATION DISCLOSURE STATEMENT

Applicant : Cowing, Carol O.
 App. No : 09/809,158
 Filed : March 15, 2001
 For : METHOD TO ENHANCE THE
 IMMUNOGENICITY OF AN
 ANTIGEN
 Examiner : Karen A. Canella
 Art Unit : 1643

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 3 references to be considered by the Examiner. Also enclosed are 3 references as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: November 18, 2005

By: *[Signature]*

Marina L. Gordey
 Registration No. 52,950
 Agent of Record
 Customer No. 20,995
 (805) 547-5580

11/22/2005 FMETEK11 00000018 09809158

01 FC:1806

180.00 OP



Docket No.: LANCELL.002CP1

November 18, 2005

Page 1 of 1

Please Direct All Correspondence to Customer Number 20995

TRANSMITTAL LETTER

INFORMATION DISCLOSURE STATEMENT

Applicant : Cowing, Carol O.
App. No : 09/809,158
Filed : March 15, 2001
For : METHOD TO ENHANCE THE
IMMUNOGENICITY OF AN ANTIGEN
Examiner : Karen A. Canella
Art Unit : 1643

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all
marked attachments are being deposited with
the United States Postal Service as first-class
mail in an envelope addressed to: Mail Stop:
Amendment, Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450, on

November 18, 2005

(Date)

Marina L. Gordey, Reg. No. 52,950

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

(X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:

(X) Listing 3 references.
(X) Enclosing 3 references.

(X) A check in the amount of \$180.00 to cover the above fee is enclosed.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

(X) Return prepaid postcard.

Marina L. Gordey
Registration No. 52,950
Agent of Record
Customer No. 20,995
(805) 547-5580



NOV 21 2005

PTO/SB/08 Equivalent

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No. 09/809,158

Filing Date March 15, 2001

First Named Inventor Cowing, Carol O.

Art Unit

Examiner | **Karen A. Canella**

Attorney Docket No. LANCELL.002CP1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
KAC	3	WO 98/20734	05-22-1998	U.S. Government		

NON PATENT LITERATURE DOCUMENTS

1970438:vr100405

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached



1642
PATENT

Case Docket No. LANCELL.002CP1
Date: November 17, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Cowing, Carol O.
Appl. No. : 09/809,158
Filed : March 15, 2001
For : METHOD TO ENHANCE THE
IMMUNOGENICITY OF AN
ANTIGEN
Examiner : Canella, Karen A.
Group Art Unit : 1642

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Commissioner for
Patents, Mail Stop Amendment, P.O. Box 1450,
Alexandria, VA 22313-1450, on

November 17, 2004

(Date)

Marina L. Gordey, Reg. No. 52,950

TRANSMITTAL LETTER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- An Information Disclosure Statement.
- A PTO Form 1449 with eight (8) references.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- Return prepaid postcard.

Marina L. Gordey
Registration No. 52,950
Agent of Record
Customer No. 20,995
(805) 547-5580

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Cowing, Carol O.
App. No. : 09/809,158
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IMMUNOGENICITY OF AN ANTIGEN
Examiner : Canella, Karen A.
Group Art Unit : 1642

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 8 references that are also enclosed.

This Information Disclosure Statement is being filed before the mailing date of a final action under 37 C.F.R. § 1.113 and before the mailing date of a Notice of Allowance under § 1.311. A certification under 37 C.F.R. § 1.97(e) is set forth below. Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(2)

I hereby certify that no item of information contained in this Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R.

Appl. No. : 09/809,158
Filed : March 15, 2001

Docket No. LANCELL.002CP1
Customer No. 20,995

§ 1.56(c) more than 30 days prior to the filing of this Information Disclosure Statement.



Dated: November 14, 2004

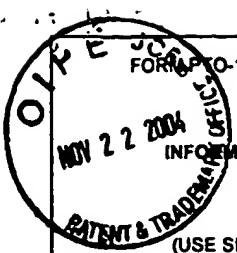
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

By: _____ 

Marina L. Gordey
Registration No. 52,950
Agent of Record
Customer No. 20,995
(805) 547-5580

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111104



<p style="text-align: right;">FEE J.C.</p> <p>NOV 22 2004</p> <p>U.S. PATENT & TRADEMARK OFFICE</p> <p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>	<p>ATTY. DOCKET NO. LANCELL_002CP1</p> <p>APPLICATION NO. 09/809,158</p> <p>APPLICANT Cowing, Carol O.</p> <p>FILING DATE March 15, 2001</p> <p>GROUP 1642</p>
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KAC	5	0 308 210	03/22/1989	Europe			
KAC	6	2 145 931	04/11/1985	Great Britain			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
KAC	7	Enk A.H. et al. 1993 "An essential role of Langerhans cell-derived IL-1 β in the initiation of primary immune response in skin," <i>J. Immunol.</i> 150:3698-3704.
KAC	8	Supplemental European Search Report from corresponding application EP 98 91 8392, mailed on October 21, 2004.

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EXAMINER _____ **DATE CONSIDERED** _____
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT
IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

O:DOCS DEC 15 2003
TM SEARCH & EXAMINER'S OFFICE
U.S. PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Applicant : Cowing
App. No. : 09/809,158
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IMMUNOGENICITY OF AN ANTIGEN
Examiner : Canella, K.
Group Art Unit : 1642

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 3 references that are also enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c)(2) before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

12/17/2003 HALI11 00000023 09809158

02 FC:1806

180.00 OP

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/11/03

By: Mark R. Benedict

Mark R. Benedict
Registration No. 44,531
Attorney of Record
Customer No. 20,995
(949) 760-0404

<p style="text-align: right;">DEC 15 2003 U.S. PATENT AND TRADEMARK OFFICE <i>JCT09</i></p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>	ATTY. DOCKET NO. LANCELL.002CP1	APPLICATION NO. 09/809,158
	APPLICANT Cowling	
	FILING DATE March 15, 2001	GROUP 1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				YES	NO	TRANSLATION	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
KAC	1.	Koyama et al. (1989) Effect of systemic and topical application of testosterone propionate on the density of epidermal Langerhans cells in the mouse. J. Invest. Dermatol. 1:86-90 (Abstract).
KAC	2.	Murphy et al. (1998) Tropical tretinoin replenishes CD1a-positive epidermal Langerhans cells in chronically photodamaged human skin. J. Cutan. Pathol. 1:30-4 (Abstract).
KAC	3.	Ragg et al. (1994) Lagerhans cell migration patterns from sheep skin following topical application of carcinogens. Int. J. Exp. Pathol. 1:23-8.

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121003

EXAMINER	/Karen A. Canella, Ph.D./	DATE CONSIDERED	10/02/2006
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			